

MANDEL & ADRIANO  
United States Patent Application  
COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ADIPOSE-DERIVED STEM CELLS AND LATTICES

The specification of which

- a. ☒ is attached hereto  
b. ☐ was filed on as application serial no. and was amended on (if applicable) (in the case of a PCT-filed application) described and claimed in international no. filed and as amended on (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

- ☐ no such applications have been filed.  
b. ☒ such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
PCT	PCT/US00/06232	10 March 2000	14 September 2000
ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)
60/123,711	10 March 1999
60/162,462	29 October 1999

I hereby appoint the attorneys and agents associated with Customer No. 26,941, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Mandel & Adriano to the contrary.

Please direct all correspondence in this case to Mandel & Adriano at the address indicated below:

Mandel & Adriano  
35 No. Arroyo Parkway, Suite 60  
Pasadena, California 91103

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Full Name Of Inventor	Family Name Katz	First Given Name Adam	Second Given Name J.
0	Residence & Citizenship	City <del>Pittsburgh</del> <sup>AK</sup> CHARLOTTESVILLE VA	State or Foreign Country <del>Pennsylvania</del> <sup>AK</sup> VIRGINIA	Country of Citizenship USA
1	Post Office Address	Post Office Address <del>1207 Trevanion Street</del> <sup>AK</sup> 503 BROADLEAF WAY	City <del>Pittsburgh</del> <sup>AK</sup> CHARLOTTESVILLE	State & Zip Code/Country <del>Pennsylvania, 15218/USA</del> <sup>AK</sup> VIRGINIA 22911
Signature of Inventor 201:			Date: 9/6/2001	
2	Full Name Of Inventor	Family Name Llull	First Given Name Ramon	Second Given Name
0	Residence & Citizenship	City Barcelona	State or Foreign Country Spain	Country of Citizenship Spain
2	Post Office Address	Post Office Address Enric Gimenez, 18-4-2a	City Barcelona	State & Zip Code/Country E-08034/Spain
Signature of Inventor 202:			Date:	
2	Full Name Of Inventor	Family Name Futrell	First Given Name William	Second Given Name J.
0	Residence & Citizenship	City Pittsburgh	State or Foreign Country Pennsylvania	Country of Citizenship USA
3	Post Office Address	Post Office Address 1 Sweetwater Lane	City Pittsburgh	State & Zip Code/Country Pennsylvania, 15238/USA
Signature of Inventor 203:			Date:	
2	Full Name Of Inventor	Family Name Hedrick	First Given Name Marc	Second Given Name H.
0	Residence & Citizenship	City Encino	State or Foreign Country California	Country of Citizenship USA
4	Post Office Address	Post Office Address 5147 Valjean Avenue	City Encino	State & Zip Code/Country California, 91346/USA
Signature of Inventor 204:			Date:	

I hereby appoint the attorneys and agents associated with Customer No. 26,941, respectively and individually, as my attorneys and agent with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Mandel & Adriano to the contrary.

Please direct all correspondence in this case to Mandel & Adriano at the address indicated below:

Mandel & Adriano  
35 No. Arroyo Parkway, Suite 60  
Pasadena, California 91103

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name Of Inventor	Family Name Katz	First Given Name Adam	Second Given Name J.
Residence & Citizenship	City Pittsburgh	State or Foreign Country Pennsylvania	Country of Citizenship USA
Post Office Address	Post Office Address 1207 Trevanion Street	City Pittsburgh	State & Zip Code/Country Pennsylvania, 15218/USA

Signature of Inventor 201:

Date:

Full Name Of Inventor	Family Name Llull	First Given Name Ramon	Second Given Name
Residence & Citizenship	City Santa Maria - Mallorca	State or Foreign Country Spain	Country of Citizenship Spain
Post Office Address	Post Office Address Placa Hostals, 10-A	City Santa Maria - Mallorca	State & Zip Code/Country E-07320/Spain

Signature of Inventor 202:

Date:

Full Name Of Inventor	Family Name Futrell	First Given Name William	Second Given Name J.
Residence & Citizenship	City Pittsburgh	State or Foreign Country Pennsylvania	Country of Citizenship USA
Post Office Address	Post Office Address 1 Sweetwater Lane	City Pittsburgh	State & Zip Code/Country Pennsylvania, 15238/USA

Signature of Inventor 203:

Date:

Full Name Of Inventor	Family Name Hedrick	First Given Name Marc	Second Given Name H.
Residence & Citizenship	City Encino	State or Foreign Country California	Country of Citizenship USA
Post Office Address	Post Office Address 5147 Valjean Avenue	City Encino	State & Zip Code/Country California, 91346/USA

Signature of Inventor 204:

Date:

I hereby appoint the attorneys and agents associated with Customer No. 26,941, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Mandel & Adriano to the contrary.

Please direct all correspondence in this case to Mandel & Adriano at the address indicated below:

Mandel & Adriano  
35 No. Arroyo Parkway, Suite 60  
Pasadena, California 91103

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2 0 1	Full Name Of Inventor	Family Name Katz	First Given Name Adam	Second Given Name J.
	Residence & Citizenship	City Pittsburgh	State or Foreign Country Pennsylvania	Country of Citizenship USA
	Post Office Address	Post Office Address 1207 Trevanion Street	City Pittsburgh	State & Zip Code/Country Pennsylvania, 15218/USA
Signature of Inventor 201:			Date:	
2 0 2	Full Name Of Inventor	Family Name Llull	First Given Name Ramon	Second Given Name
	Residence & Citizenship	City Barcelona	State or Foreign Country Spain	Country of Citizenship Spain
	Post Office Address	Post Office Address Enric Gimenez, 18-4-2a	City Barcelona	State & Zip Code/Country E-08034/Spain
Signature of Inventor 202:			Date:	
3 0 3	Full Name Of Inventor	Family Name Futrell	First Given Name William J.	Second Given Name William
	Residence & Citizenship	City Pittsburgh	State or Foreign Country Pennsylvania	Country of Citizenship USA
	Post Office Address	Post Office Address 1 Sweetwater Lane	City Pittsburgh	State & Zip Code/Country Pennsylvania, 15238/USA
Signature of Inventor 203:			Date: 6 Sept 01	
2 0 4	Full Name Of Inventor	Family Name Hedrick	First Given Name Marc	Second Given Name H.
	Residence & Citizenship	City Encino	State or Foreign Country California	Country of Citizenship USA
	Post Office Address	Post Office Address 5147 Valjean Avenue	City Encino	State & Zip Code/Country California, 91346/USA
Signature of Inventor 204:			Date:	

I hereby appoint the attorneys and agents associated with Customer No. 26,941, respectively, individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Mandel & Adriano to the contrary.

Please direct all correspondence in this case to Mandel & Adriano at the address indicated below:

Mandel & Adriano  
35 No. Arroyo Parkway, Suite 60  
Pasadena, California 91103

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2	Full Name Of Inventor	Family Name Katz	First Given Name Adam	Second Given Name J.
0	Residence & Citizenship	City Pittsburgh	State or Foreign Country Pennsylvania	Country of Citizenship USA
1	Post Office Address	Post Office Address 1207 Trevanion Street	City Pittsburgh	State & Zip Code/Country Pennsylvania, 15218/USA
Signature of Inventor 201:				Date:
2	Full Name Of Inventor	Family Name Llull	First Given Name Ramon	Second Given Name
0	Residence & Citizenship	City Barcelona	State or Foreign Country Spain	Country of Citizenship Spain
2	Post Office Address	Post Office Address Enric Gimenez, 18-4-2a	City Barcelona	State & Zip Code/Country E-08034/Spain
Signature of Inventor 202:				Date:
2	Full Name Of Inventor	Family Name Futrell	First Given Name William	Second Given Name J.
0	Residence & Citizenship	City Pittsburgh	State or Foreign Country Pennsylvania	Country of Citizenship USA
3	Post Office Address	Post Office Address 1 Sweetwater Lane	City Pittsburgh	State & Zip Code/Country Pennsylvania, 15238/USA
Signature of Inventor 203:				Date:
4-200 2	Full Name Of Inventor	Family Name Hedrick	First Given Name Marc	Second Given Name H.
0	Residence & Citizenship	City Encino CA	State or Foreign Country California	Country of Citizenship USA
4	Post Office Address	Post Office Address 5147 Valjean Avenue	City Encino	State & Zip Code/Country California, 91346/USA
Signature of Inventor 204: <i>Mark Hedrick</i>				Date: <i>8-5-01</i>

2	Full Name Of Inventor	Family Name Benham	First Given Name Prosper	Second Given Name
0	Residence & Citizenship	City Los Angeles	State or Foreign Country California	Country of Citizenship USA
5	Post Office Address	Post Office Address 10833 LeConte Avenue	City Los Angeles	State & Zip Code/Country California, 90095/USA
Signature of Inventor 205:			Date: 9-5-01	
2	Full Name Of Inventor	Family Name Lorenz	First Given Name Hermann	Second Given Name Peter
0	Residence & Citizenship	City Los Angeles	State or Foreign Country California	Country of Citizenship USA
6	Post Office Address	Post Office Address 10434 Corfu Lane	City Los Angeles	State & Zip Code/Country California, 90077/USA
Signature of Inventor 206:			Date: 09/05/2001	
2	Full Name Of Inventor	Family Name Zhu	First Given Name Min	Second Given Name
0	Residence & Citizenship	City Los Angeles	State or Foreign Country California	Country of Citizenship China
7	Post Office Address	Post Office Address 10833 LeConte Avenue	City Los Angeles	State & Zip Code/Country California, 90095/USA
Signature of Inventor 207:			Date: 09/06/2001	

# § 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of a claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

(1) Each inventor named in the application:

(2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

0993665 . 091001